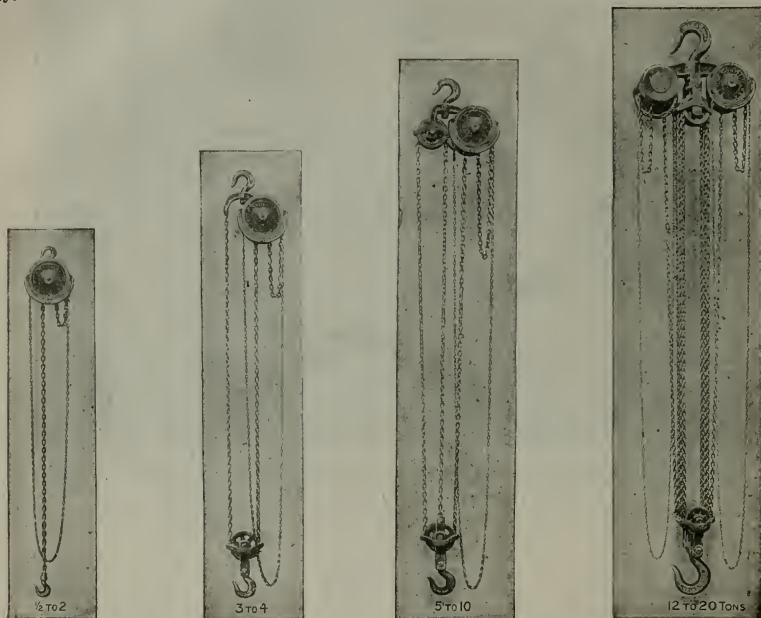


## YALE TRIPLEX BLOCKS

SPUR GEARED. HIGHEST EFFICIENCY

The Yale Triplex Block is rated on a capacity basis of the long ton and each rated ton is tested at the factory with a fifty per cent overload or 3,360 lbs. This assures great safety and reserve capacity.



## YALE TRIPLEX BLOCKS

From Hook to Hook a Line of Steel

## LIST OF BLOCKS

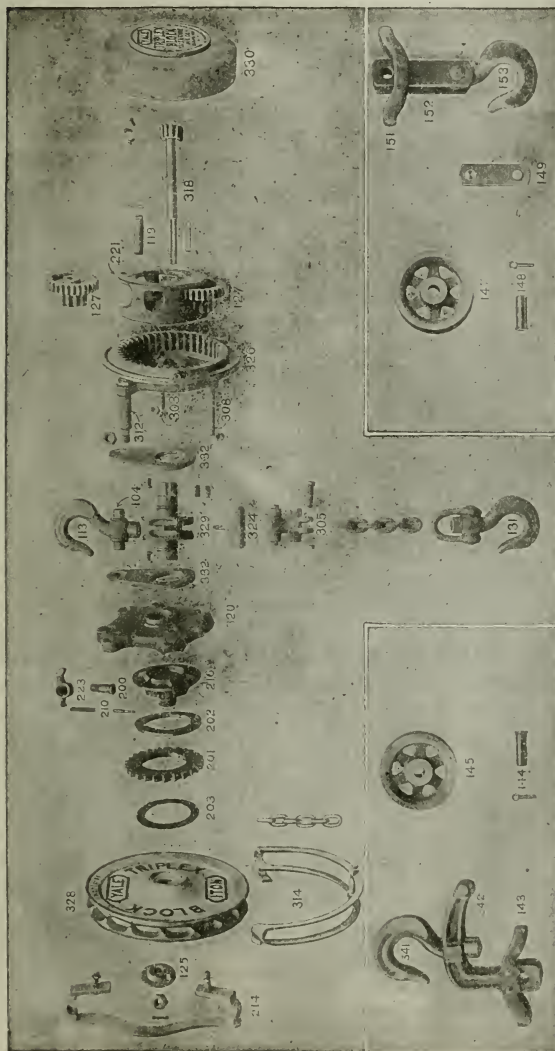
Capacity in Tons	Price Complete	Regular Hoist in feet*	Reach in feet and inches	Extra Hoist Price per foot	Minimum Distance between Hooks in inches	Net Wt. in lbs.	Chain Pull in lbs. to Lift Full Load	Feet of Chain Handled to Lift Load one foot	Length of Chain in Regular Hoist	
			ft. in.						Load, ft.	Hand, ft.
1/2	\$35.00	8	9 3	\$0.90	13	58	62	21	9	16
1	45.00	8	9 5	.95	16	91	82	31	9	16
1 1/2	60.00	8	9 7 1/2	1.00	18	131	110	35	9	16
2	70.00	9	11 0	1.05	21	200	120	42	10	18
3	90.00	10	12 8	1.50	32	206	114	70	24	22
4	110.00	10	13 1	1.60	37	293	124	84	25	24
5	140.00	12	15 9	2.15	45	407	110	126	44	29
6	165.00	12	15 10	2.15	46	407	130	126	44	29
8	200.00	12	16 3	2.70	49	497	135	168	58	30
10	240.00	12	16 9	3.25	54	606	140	210	72	30
12	300.00	12	16 9	4.30	54	847	130†	126†	93	30
16	360.00	12	17 1	5.40	62	1,043	135†	168†	117	30
20	425.00	12	18 5	6.50	70	1,350	140†	210†	141	30

\*Figures denote height in feet which blocks with regular lengths of chain will hoist above level on which operator stands.

†For each hand chain.

## YALE TRIPLEX BLOCK PARTS

MODEL SS



Used on Large Blocks only at Top 3 Tons and Larger

Used Only on Large Blocks at Bottom 3 Tons and Larger

## HOW TO ORDER YALE TRIPLEX PARTS

Always state whether for "1898 Model" or "Model SS." This is marked on the Gear Cover. Parts 104 to 223 are the same in both models—parts 303 to 332 differ in 1898 Model and Model SS.

Always give capacity of block.

When in doubt about the model or capacity of part send us the old part to be duplicated. Put your name on it so we can identify same on arrival. When the hand wheel or gear case is marked "Quick Speed" always specify "Quick Speed," and mention SS or 1898 Model.

LIST OF PARTS AND PRICES ON NEXT PAGE

## PRICES FOR PARTS OF YALE TRIPLEX BLOCKS—MODEL SS

These parts are all illustrated on the preceding page

In ordering parts state whether for "1898 Model" or "Model SS." Parts 113 to 223 are the same in both models. Parts 303 to 332 differ in "1898 Model" and "Model SS."

List No.	Name	½ Ton	1 Ton	1½ Tons	2 Tons	3 Tons	4 to 20 Tons
Parts Interchange in "1898 Model" and "Model SS"	104 Top Cross Head.....	\$1.00	\$1.40	\$2.00	\$2.40	...	...
	113 Top Hook and Nut.....	1.00	1.40	1.80	2.00	...	...
	119 Gear and Pinion Pins, each...	.40†	.60	.70	.80	\$0.70	\$0.80
	125 Check Washer .....	.40	.50	.70	.90	.70	.90
	127 Gear and Pinions, each.....	.80†	1.10	1.40	1.60	1.40	1.60
	131 Lower Swivel Hook.....	1.50	2.30	3.20	5.50	...	...
	200 Pawl Stud .....	.40	.40	.50	.50	.50	.50
	201 Ratchet Disc .....	.80	1.00	1.40	1.50	1.40	1.50
	202 Leather Disc .....	.40	.40	.50	.60	.50	.60
	203 Galvanized Iron Disc.....	.40	.40	.50	.60	.50	.60
	210 Pawl Spring .....	.20	.20	.30	.30	.30	.30
	214 Strap Hand Chain Guide.....	.75	1.20	1.50	1.80	1.50	1.80
	216 Disc Hub .....	1.80	2.30	3.20	4.20	3.20	4.20
	221 Pinion Cage .....	1.60†	2.10	3.20	4.20	3.20	4.20
	223 Pawl .....	.20	.20	.30	.30	.30	.30
	303 Small Separator .....	.40	.50	.60	.70	.60	.70
	304 Top Cross Head.....	1.00	1.40	2.00	2.40	...	...
	305 Load Chain Guide.....	.30	.30	.40	.50	.40	.50
	308 Load Chain Guide Bolt.....	.20	.20	.30	.40	.30	.40
	312 Large Separator .....	.60	.70	.80	1.00	.80	1.00
	314 Continuous Hand Chain Guide.	1.50	2.00	2.50	3.00	2.50	3.00
Parts differ in "1898 Model" and "Model SS"	318 Driving Pinion .....	3.00†	4.00	5.00	6.00	5.00	6.00
	320 Ratchet Case .....	2.50	3.50	4.50	5.50	4.50	5.50
	324 Stripper .....	.30	.40	.50	.50	.50	.50
	326 Internal Gear .....	2.40	3.20	5.00	6.00	5.00	6.00
	328 Hand Wheel .....	1.80†	2.30	3.00	3.60	3.00	3.60
	329 Load Sheave .....	2.00	3.20	4.75	6.35	4.75	6.35
	330 Gear Cover .....	1.20	1.50	1.80	2.10	1.80	2.10
	332 Suspension Plate, each.....	1.50	2.00	2.50	3.00	2.50	3.00
	Load Chain, Steel, ft.....	.40*	.45*	.50*	.55*	.50*	.55*
	Hand Chain, " ".....	.25	.25	.25	.25	.25	.25

## PARTS FOR YALE TRIPLEX BLOCKS—3 TON AND LARGER

No.	3 Ton	4 Ton	5 Ton	6 Ton	8 Ton	10 Ton	12 Ton	16 Ton	20 Ton
341	\$3.00	\$5.00	\$6.00	\$7.00	\$12.00	\$15.00	\$24.00	\$32.00	\$65.00
342	6.35	14.30	16.60	20.00	25.00	28.00	32.00	40.00	64.00
143	...	...	4.80	7.00	8.00	9.00	10.00	11.50	13.00
144	...	...	1.00	1.50	2.00	2.50	3.50	4.00	5.50
145	...	...	3.00	4.50	5.00	5.50	5.50	5.50	5.50
147	3.00	4.50	4.50	6.00	6.00	7.00	7.00	7.00	7.00
148	.80	1.30	1.50	2.00	2.50	3.00	4.00	5.00	6.50
149	...	...	4.00	6.00	7.00	8.00	...	...	...
151	3.50	4.00	5.00	7.00	8.00	10.00	12.00	13.50	15.50
152	3.20	5.00	7.00	9.00	11.00	13.00	19.00	24.00	32.00
153	3.00	5.00	6.00	7.00	12.00	15.00	24.00	32.00	65.00
341	Top Hook		145	Top Sheaves		151	Bottom Guards and Guides		
342	Top Yoke		147	Bottom Sheave		152	Bottom Side Plates and Crosshead		
143	Top Guard and Guides		148	Bottom Sheave Pin		153	Bottom Hook		
144	Top Sheave Pin		149	Becket Straps					

\*In ordering Load Chains specify whether or not hook is required.

†Parts should be specified "Quick Speed" for blocks so marked on the gear cover.

Always give size of block. Parts 329 and 221 are a driven fit. In assembling see that the locating holes in No. 127 line up at the center.

If parts are for Trolley Blocks, specify model, capacity and size of I-beam.

## YALE DUPLEX BLOCKS

### SCREW GEARED

The Yale Duplex is the popular type of the Yale Blocks and ranks next in efficiency to their Triplex. It is both light and powerful. The hand chain guides are so placed that the operator can stand clear of the load without wasting energy in dragging the chain through the guides. The safety load chain guides prevent slipping, and the swivel connections prevent fouling of the chain. The bronze worm wheels and steel worms have hardened and ground thrust bearings and run in oil.

Capacity in Tons	Price Complete	*Regular Hoist in feet	Extra Hoist Price per foot	Minimum Distance between Hooks in inches	†Reach in feet and inches		Net Wgt. in lbs.	‡Chain Pull		Length of Chain in Regular Hoist	
					ft.	in.		lbs.	feet	Load feet	Hand feet
1/2	\$25.00	8	\$1.00	13	9	1	43	68	40	18	16
1	30.00	8	1.10	16	9	4	57	87	59	18	16
1 1/2	40.00	8	1.20	19	9	7	76	94	80	18	16
2	50.00	9	1.30	21	10	9	104	115	93	20	18
3	75.00	10	1.50	25	12	1	180	132	126	24	21
4	95.00	10	1.60	29	12	5	215	142	155	24	21
5	140.00	12	2.40	31	14	7	330	145	195	30	26
6	180.00	12	2.50	33	14	9	320	145	252	55	26
8	210.00	12	2.70	36	15	0	380	160	310	55	26
10	275.00	12	3.25	45	15	9	555	160	390	57	26

\*Figures denote height in feet which blocks, with regular lengths of chain, will hoist from level on which operator stands. Extra lengths of chain should be ordered when it is desired to hoist higher. No deduction is made for blocks with less than the regular length of chain.

†The "Reach" is the sum of the "Hoist" and the "Minimum Distance between Hooks." When hung at this height to lift the full hoist above the floor the hand chain of Triplex or Duplex blocks hangs down to within 18 inches of the floor.

‡Figures denote the pull in pounds required to lift the full load, and the number of feet of hand chain which must be handled to lift the load one foot.

It is absolutely impossible for the load chains to slip, because these safety guides prevent it.

## PARTS FOR YALE DUPLEX BLOCKS

When Ordering give Name and Number of Parts and also the Size of the Block and its Shop Number, Stamped Near the Top Hook

These parts are illustrated at top of next page.

PARTS 1/2 TO 5 TONS—Parts for Larger Sizes Listed on Next Page

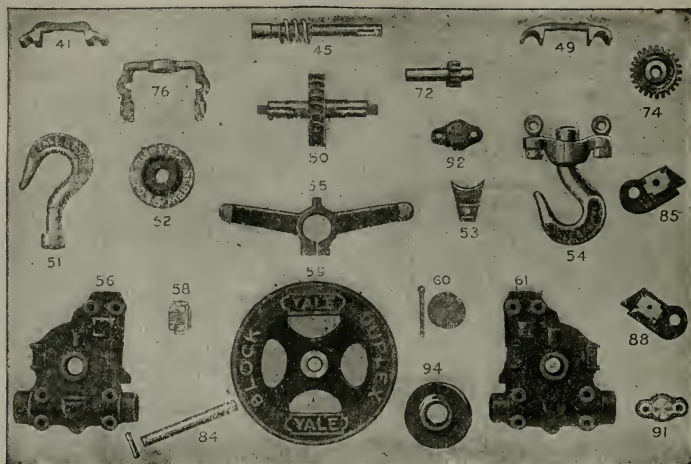
List No.	Name	1/2 Ton	1 Ton	1 1/2 Ton	2 Ton	3 Ton	3 1/2 Ton	4 Ton	5 Ton
41	Load Chain Guide...	\$0.40	\$0.50	\$0.60	\$0.70	\$1.00	\$1.20	\$1.40	\$1.60
45	Worm and Shaft...	3.00	3.50	4.00	4.50	5.00	6.00	7.00	10.00
49	Load Chain Guard...	.30	.40	.50	.60	.70	.80	.90	1.00
50	Worm Wheel...	3.50	4.00	5.00	6.00	7.00	9.00	11.00	15.00
51	Top Hook...	1.00	1.40	1.80	2.40	3.00	4.00	5.00	6.00
52	Load Sheave, per pair	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00
53	Strippers, per pair...	.30	.40	.50	.60	.70	.80	.90	1.00
54	Bottom Hook Swivel and Eye Bolts...	2.00	2.50	3.00	3.50	4.50	5.00	6.00	8.00
55	Hand Chain Guide...	.90	1.00	1.30	1.80	2.00	2.40	2.60	2.80
56 } 61 }	Housing, each half...	2.50	3.00	4.00	5.00	6.00	7.00	10.00	15.00
58	Friction Plug...	1.20	1.40	1.70	2.00	...	...	...	...
59	*Hand Wheel...	1.50*	1.60*	2.50*	3.00*	3.50	4.00	4.50	5.00
60	Friction Plug Cover...	.30	.30	.40	.50	...	...	...	...
72	Pinion Shaft...	...	...	...	...	4.00	4.20	4.40	4.60
74	Gear...	...	...	...	...	1.60	1.80	2.00	2.20
91	Friction Plug Cover...	...	...	...	...	.50	.50	.50	.50
92	Friction Plug...	...	...	...	...	2.50	3.00	3.50	4.00
	†Hand Chain, per ft...	.25†	.25†	.25†	.25†	.25	.40	.40	.40
	Load Chain, per ft...	.37 1/2	.40	.42 1/2	.45	.50	.55	.55	.60

\*In ordering Hand Wheels or Hand Chain note number of pockets for chain links in rim of wheel.

†Welded hand chain for old model Blocks 37 1/2 c per foot for 1/2, 1 1/2 and 2 ton sizes.



## PARTS FOR YALE DUPLEX BLOCKS



When ordering, give name and number of parts, and also size of Block and its shop number, stamped near the top hook.

## PARTS OF DUPLEX BLOCKS, 6 TO 10 TONS

List No.	Name	6 Ton	7 Ton	8 Ton	10 Ton
41	Load Chain Guide.....	\$ 1.70	\$ 1.80	\$ 1.90	\$ 2.50
45	Worm and Shaft.....	12.00	16.00	18.00	22.00
49	Load Chain Guard.....	1.10	1.20	1.30	1.40
50	Worm Wheel .....	16.00	18.00	20.00	25.00
51	Top Hook .....	7.00	8.00	12.00	15.00
52	Load Sheave, per pair.....	5.50	6.00	8.00	9.00
55	Hand Chain Guides.....	3.00	3.00	3.00	4.00
56 & 61	Housing, pair .....	32.00	36.00	40.00	60.00
59	Hand Wheel .....	5.00	5.00	6.50	7.00
72	Pinion Shaft .....	4.80	5.00	5.20	6.00
74	Gear .....	2.30	2.40	2.50	3.00
76	Bottom Guides, per pair.....	4.50	5.00	6.00	7.00
84	Clevis Pin .....	.50	.60	.70	1.00
85 & 88	Strippers, per pair.....	1.50	2.00	2.50	3.50
87	Bottom Hook, Swivel and Eye Bolts	12.00	16.00	20.00	25.00
91	Friction Plug Cover.....	.50	.50	.60	.60
92	Friction Plug .....	4.20	4.40	4.60	5.40
94	Bottom Sheaves, per pair.....	3.00	4.00	6.00	7.00
..	Load Chain, per ft.....	.50	.55	.55	.60
..	Hand Chain, Welded, per ft.....	.40	.40	.40	.40